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NOTICE OF ALLOWANCE AND FEE(S) DUE

21186 7590 02/23/2010 SCHWEGMAN, LUNDBERG & WOESSNER, P.A. P.O. BOX 2938 MINNEAPOLIS, MN 55402

EXAMINER HILL, KEVIN KAI PAPER NUMBER ARTHNIT

1633 DATE MAILED: 02/23/2010

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/815.262 03/31/2004 John F. Engelhardt

TITLE OF INVENTION: COMPOUNDS AND METHODS TO ENHANCE RAAV TRANSDUCTION

875.074US1 7471

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$755	\$300	\$0	\$1055	05/24/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

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If the SMALL ENTITY is shown as NO:

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Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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SCHWEGMA P.O. BOX 2938 MINNEAPOLIS	7590 02/23 N, LUNDBERG & S, MN 55402		P.A.		Conti	Gente	of Mailing or Trans Transmittal is being ficient postage for first ISSUE FEE address 273-2885, on the d	micrion	
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APPLICATION NO.	FILING DATE		FIRST NAMED INVE	FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.		CONI	TRMATION NO.
10/815,262	03/31/2004		John F. Engelha				875.074US1		7471
TITLE OF INVENTION									
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	DUE	PREV. PAID ISSUE FEE		TOTAL FEE(S) DUE		DATE DUE
nonprovisional	YES	\$755	\$300		\$0		\$1055		05/24/2010
EXAM	IINER	ART UNIT	CLASS-SUBCLA	SS]				
HILL, KE		1633	424-093100						
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTOSB/122) address (or Change of Correspondence Address Fee Address' indication form PTOSB/147 (address' indication form PT			(I) the names of or agents OR, alt (2) the name of registered attorn 2 registered pate listed, no name v	ne of a single firm (having as a member a 2					
	less an assignee is ident h in 37 CFR 3.11. Comp GNEE	ified below, no assign sletion of this form is	nee data will appear on NOT a substitute for fili (B) RESIDENCE:	the ping an	atent. If an assigne assignment. and STATE OR CO	DUNT			
4a. The following fee(s) Issue Fee Publication Fee (N	vo small entity discount p	permitted)		osed. dit can	d. Form PTO-2038	is atta			
- 11	s SMALL ENTITY state	is. See 37 CFR I.27.					TTY status. See 37 Cl		
NOTE: The Issue Fee an interest as shown by the	d Publication Fee (if req records of the United Sta	uired) will not be acce tes Patent and Traden	epted from anyone other nark Office.	than t	he applicant; a regis	tered :	ittorney or agent; or th	ne assigr	ee or other party in
Authorized Signature					Date				
Typed or printed name					Registration No				
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10/815,262	03/31/2004 John F. Engelhardt		875.074US1	7471	
21186 7	590 02/23/2010		EXAM	UNER	
SCHWEGMAN	LUNDBERG & WO	HILL, KEVIN KAI			
P.O. BOX 2938		ART UNIT	PAPER NUMBER		
MINNEAPOLIS, MN 55402			1633		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 141 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 141 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Examiner-Initiated Interview Summary	10/815,262	ENGELHARDT ET AL.	
Examiner-initiated interview Summary	Examiner	Art Unit	
	KEVIN K. HILL	1633	
All Participants:	Status of Application:	_	
(1) <u>KEVIN K. HILL, USPTO</u> .	(3)		
(2) Jan Embretson, Applicant's representative.	(4)		
Date of Interview: 6 January 2010	Time:		
Type of Interview: ☐ Telephonic ☐ Video Conference ☐ Personal (Copy given to: ☐ Applicant Exhibit Shown or Demonstrated: ☐ Yes If Yes, provide a brief description:	nt's representative)		
Part I.			
Rejection(s) discussed:			
Claims discussed: 1 and 43 Prior art documents discussed:			
Part II. SUBSTANCE OF INTERVIEW DESCRIBING THE GENER See Continuation Sheet Part III. It is not necessary for applicant to provide a separate redirectly resulted in the allowance of the application. The of the interview in the Notice of Allowability. It is not necessary for applicant to provide a separate redid not result in resolution of all issues. A brief summary	ecord of the substance of the examiner will provide a writte	interview, since the interview an summary of the substance interview, since the interview	
		in Cinntus (Consum V.)	
(A	pplicant/Applicant's Representat	ive Signature – ii appropriate)	

Application No.

Applicant(s)

Application No. 10/815,262

Continuation of Substance of Interview including description of the general nature of what was discussed: The Examiner proposed amending independent Claims 1 and 43 to the following:

Claim 1. A method to enhance recombinant adeno-associated (rAAV) transduction of a mammalian cell, the method comprising contacting the mammalian cell at the time of rAAV infection with an amount of an anthracycline and an amount of a tripeptide aldehyde that inhibits proteosome proteolytic activity that together more than additively enhance rAAV transduction.

Claim 43. A method to enhance rAAV transduction of a mammalian cell, the method comprising contacting the mammalian cell at the time of rAAV infection with an amount of a peptide that inhibits proteosome proteolytic activity and an amount of an anthracycline, selected from the group consisting of doxorubicin, duanorubicin, idarubicin and epirubicin. that together more than additively enhance rAAV transduction.

Participants also discussed amendments to previously withdrawn dependent claims in accordance to their respective independent claims.